

### **Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

### **Listing of Claims:**

1. (Original) A method in a data processing system for performing handwritten character recognition, the method comprising the computer implemented steps of:
  - responsive to user input to a pointing device entered through a computer interface,
  - identifying a stroke start event and a stroke end event;
  - deriving a stroke parameter from the stroke start event and the stroke end event;
  - transmitting the stroke parameter to a server; and
  - receiving a candidate character from the server, wherein the candidate character is based on the stroke parameter.
2. (Original) The method according to claim 1, wherein the stroke start event is a depression of a pointing device button, and the stroke end event is a release of the pointing device button.
3. (Currently Amended) The method according to claim 1, wherein the step of identifying includes:
  - determining a first coordinate of a pointing device icon upon ~~identification of~~ identifying the stroke start event, and determining a second coordinate of the pointing device icon upon ~~identification of~~ identifying the stroke end event.
4. (Original) The method according to claim 1, wherein the deriving step includes:
  - calculating a plurality of stroke parameters from the stroke start event and the stroke end event.
5. (Currently Amended) The method according to claim 1, wherein the deriving step includes:

calculating at least one of a stroke length, a stroke angle, and a stroke center for the stroke parameter.

6. (Original) The method according to claim 1, further comprising:  
downloading a web page from the server.
7. (Original) The method according to claim 6, further comprising:  
receiving a match confirmation input indicating the candidate character corresponds to a character being input to the computer interface; and  
communicating the match confirmation input to the server.
8. (Currently Amended) The method according to claim 7, further comprising:  
responsive to ~~determining the candidate character~~ communicating the match confirmation input to the server, transmitting receiving the candidate character to the first computer from the server.
9. (Currently Amended) A computer program product in a ~~computer-readable~~ recordable-type medium for performing handwriting recognition comprising:  
first instructions for displaying a collection area in a computer interface;  
second instructions ~~[[and]]~~ adapted to determine a start point and an end point of a stroke input into the collection area, the first instructions~~[[,]]~~;  
third instructions, responsive to ~~determination of~~ determining the start point and the end point, for calculating a stroke parameter set describing at least one an ~~attributes~~ attribute of the stroke;  
a reference character dictionary including a plurality of records ~~[[each]]~~ defining a plurality of respective reference ~~character~~ characters; and  
~~second~~ fourth instructions, responsive to a comparison of the stroke parameter set with the plurality of records, for identifying at least one of the plurality of respective reference ~~character~~ characters as a candidate character.

10. (Currently Amended) The computer program product according to claim 9, wherein the computer interface includes a candidate display for displaying the candidate character identified by the ~~second~~ fourth instructions.

11. (Currently Amended) The computer program product according to ~~claim 9~~ claim 10, wherein the candidate character displayed in the candidate display is selectable by ~~[[the]]~~ a user, the first instructions communicating a selection of the candidate character to the ~~second~~ fourth instructions.

12. (Currently amended) The computer program product according to claim 9, wherein the stroke parameter set includes a stroke length parameter, ~~[[an]]~~ a stroke angle parameter and a stroke center parameter.

13. (Currently Amended) The computer program product according to claim 12, wherein each of the plurality of records ~~include~~ includes at least one reference parameter set having a reference length parameter, ~~[[an]]~~ reference angle parameter, and a reference center parameter, the comparison includes comparing the stroke length parameter, the stroke angle parameter, and the stroke center parameter parameters of the stroke parameter set with the reference length parameter, the reference angle parameter, and the reference center parameter parameters, respectively, of ~~plurality of records~~ the at least one reference parameter set.

14. (Currently Amended) The computer program product according to claim 9, wherein the first instructions, responsive to a change in trajectory of the stroke input into the collection area of at least a trajectory threshold, determine a partition point, and wherein the stroke parameter set comprises a first stroke parameter set calculated from the start point and the partition point and a second stroke parameter set calculated from the partition point and the end point.

15. (Currently Amended) The computer program product according to claim 14, wherein identification of the at least one candidate character is made by ~~comparison of~~ comparing the first stroke parameter set and the second stroke parameter set with the plurality of records.

16. (Currently Amended) A data processing system comprising:  
a pointing device;  
a display;  
a memory that contains a set of instructions; and  
a processing unit, responsive to ~~execution of~~ executing the set of instructions, for providing a computer interface that identifies a start point and an end point of a handwritten character stroke input [[to]] by the pointing device, wherein a first stroke parameter set is calculated by the processing unit responsive to ~~identification of~~ identifying the start point and the end point; and  
a server, responsive to calculating the first stroke parameter set, for receiving the first stroke parameter set from the processing unit and transmitting a candidate character to the processing unit, wherein the candidate character is based on the first stroke parameter set.
17. (Currently Amended) The data processing system of claim 16, further comprising a network adapter for connecting the data processing system to a network computer, wherein the set of instructions is communicated to the data processing system responsive to ~~connection of~~ connecting the data processing system with the network computer.
18. (Original) The data processing system according to claim 16, wherein the first stroke parameter set includes a length parameter, an angle parameter, and a center parameter.
19. (Original) The data processing system according to claim 16, wherein the processing unit, responsive to a change in trajectory of the pointing device of at least a trajectory threshold, calculates a second stroke parameter set.
20. (Currently Amended) The data processing system according to claim 16, wherein the computer interface includes a candidate display for displaying a candidate character identified by ~~comparison of~~ comparing the first stroke parameter set with a reference parameter set of a reference character dictionary.